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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/091,438

DATE: 03/26/2002 P.5  
TIME: 13:42:04

Input Set : D:\PTZ17C1\_seqList.txt  
Output Set: N:\CRF3\03262002\J091438.raw

1 <110> APPLICANT: Rosen et al.  
3 <120> TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies  
5 <130> FILE REFERENCE: PTZ17C1  
C--> 7 <140> CURRENT APPLICATION NUMBER: US/10/091,438  
C--> 7 <141> CURRENT FILING DATE: 2001-01-17  
7 <150> PRIOR APPLICATION NUMBER: 09/764,879  
8 <151> PRIOR FILING DATE: 2001-01-17  
10 <150> PRIOR APPLICATION NUMBER: 60/179,065  
11 <151> PRIOR FILING DATE: 2000-01-31  
13 <150> PRIOR APPLICATION NUMBER: 60/180,628  
14 <151> PRIOR FILING DATE: 2000-02-04  
16 <150> PRIOR APPLICATION NUMBER: 60/214,886  
17 <151> PRIOR FILING DATE: 2000-06-28  
19 <150> PRIOR APPLICATION NUMBER: 60/217,487  
20 <151> PRIOR FILING DATE: 2000-07-11  
22 <150> PRIOR APPLICATION NUMBER: 60/225,758  
23 <151> PRIOR FILING DATE: 2000-08-14  
25 <150> PRIOR APPLICATION NUMBER: 60/220,963  
26 <151> PRIOR FILING DATE: 2000-07-26  
28 <150> PRIOR APPLICATION NUMBER: 60/217,496  
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34 <150> PRIOR APPLICATION NUMBER: 60/218,290  
35 <151> PRIOR FILING DATE: 2000-07-14  
37 <150> PRIOR APPLICATION NUMBER: 60/225,757  
38 <151> PRIOR FILING DATE: 2000-08-14  
40 <150> PRIOR APPLICATION NUMBER: 60/226,868  
41 <151> PRIOR FILING DATE: 2000-08-22  
43 <150> PRIOR APPLICATION NUMBER: 60/216,647  
44 <151> PRIOR FILING DATE: 2000-07-07  
46 <150> PRIOR APPLICATION NUMBER: 60/225,267  
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50 <151> PRIOR FILING DATE: 2000-07-07  
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53 <151> PRIOR FILING DATE: 2000-08-14  
55 <150> PRIOR APPLICATION NUMBER: 60/251,869  
56 <151> PRIOR FILING DATE: 2000-12-08  
58 <150> PRIOR APPLICATION NUMBER: 60/235,834  
59 <151> PRIOR FILING DATE: 2000-09-27  
61 <150> PRIOR APPLICATION NUMBER: 60/234,274  
62 <151> PRIOR FILING DATE: 2000-09-21

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64 <150> PRIOR APPLICATION NUMBER: 60/234,223  
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70 <150> PRIOR APPLICATION NUMBER: 60/224,518  
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73 <150> PRIOR APPLICATION NUMBER: 60/236,369  
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133 <150> PRIOR APPLICATION NUMBER: 60/236,367  
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136 <150> PRIOR APPLICATION NUMBER: 60/237,039

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137 <151> PRIOR FILING DATE: 2000-10-02  
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146 <151> PRIOR FILING DATE: 2000-10-02  
148 <150> PRIOR APPLICATION NUMBER: 60/237,037  
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151 <150> PRIOR APPLICATION NUMBER: 60/237,040  
152 <151> PRIOR FILING DATE: 2000-10-02  
154 <150> PRIOR APPLICATION NUMBER: 60/240,960  
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157 <150> PRIOR APPLICATION NUMBER: 60/239,935  
158 <151> PRIOR FILING DATE: 2000-10-13  
160 <150> PRIOR APPLICATION NUMBER: 60/239,937  
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163 <150> PRIOR APPLICATION NUMBER: 60/241,787  
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178 <150> PRIOR APPLICATION NUMBER: 60/226,681  
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181 <150> PRIOR APPLICATION NUMBER: 60/225,759  
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184 <150> PRIOR APPLICATION NUMBER: 60/225,213  
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187 <150> PRIOR APPLICATION NUMBER: 60/227,182  
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190 <150> PRIOR APPLICATION NUMBER: 60/225,214  
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193 <150> PRIOR APPLICATION NUMBER: 60/235,836  
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196 <150> PRIOR APPLICATION NUMBER: 60/230,438  
197 <151> PRIOR FILING DATE: 2000-09-06  
199 <150> PRIOR APPLICATION NUMBER: 60/215,135  
200 <151> PRIOR FILING DATE: 2000-06-30  
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211 <150> PRIOR APPLICATION NUMBER: 60/249,213  
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223 <150> PRIOR APPLICATION NUMBER: 60/249,244  
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284 <151> PRIOR FILING DATE: 2000-10-20  
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293 <151> PRIOR FILING DATE: 2000-09-08  
295 <150> PRIOR APPLICATION NUMBER: 60/233,065  
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298 <150> PRIOR APPLICATION NUMBER: 60/232,398  
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313 <150> PRIOR APPLICATION NUMBER: 60/246,476  
314 <151> PRIOR FILING DATE: 2000-11-08  
316 <150> PRIOR APPLICATION NUMBER: 60/246,526  
317 <151> PRIOR FILING DATE: 2000-11-08  
319 <150> PRIOR APPLICATION NUMBER: 60/249,209  
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331 <150> PRIOR APPLICATION NUMBER: 60/246,478  
332 <151> PRIOR FILING DATE: 2000-11-08  
334 <150> PRIOR APPLICATION NUMBER: 60/246,609  
335 <151> PRIOR FILING DATE: 2000-11-08  
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349 <150> PRIOR APPLICATION NUMBER: 60/246,611  
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352 <150> PRIOR APPLICATION NUMBER: 60/230,437  
353 <151> PRIOR FILING DATE: 2000-09-06  
355 <150> PRIOR APPLICATION NUMBER: 60/251,990  
356 <151> PRIOR FILING DATE: 2000-12-08

Use of n and / or Xaa has been detected in the  
Sequence Listing. Review the Sequence Listing  
to ensure a corresponding explanation is present  
in the <220> to <223> fields of each sequence  
using n or Xaa.

## VERIFICATION SUMMARY

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Input Set : D:\PTZ17C1\_seqList.txt

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L:7 M:270 C: Current Application Number differs, Replaced Current Application No  
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12  
L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14  
L:729 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15  
L:884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:910 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:948 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:1035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:1137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:1157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:1167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:1191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:1206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:1207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28  
L:1394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:1395 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:1496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35  
L:1497 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35  
L:1541 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
L:1542 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
L:1543 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36  
L:1721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40  
L:1722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40  
L:1740 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41  
L:1814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44  
L:1917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:1918 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:1919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:1920 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45  
L:2015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48  
L:2020 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48  
L:2058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49  
L:2092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49  
L:2110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50  
L:2149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51  
L:2228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54  
L:2249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55  
L:2303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56  
L:2318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57  
L:2423 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58  
L:2461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60

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L:2486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61  
L:2533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63  
L:2552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63  
L:2553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63